

STEdex '11

SUSTAINABLE TROPICAL ENVIRONMENTAL DESIGN EXHIBITION

Volume 3 : 2011 ISSN 2180-0685

Editors-in-Chief

Nasir Baharuddin

Rahinah Ibrahim

Norsidah Ujang



Universiti Putra Malaysia Press
www.upm.edu.my

©2011 Universiti Putra Malaysia Press
Print 2011

All rights reserved. No part of this book may be reproduced in any form without written permission from the publisher, except by a reviewer who wishes to quote brief passages in a review written for inclusion in magazines or newspapers.

Perpustakaan Negara Malaysia
Cataloguing-in-Publication Data

This Catalogue is published in conjunction with:
STEdex '11 : Sustainable Tropical Environmental Design Exhibition
held at Serdang Gallery, Faculty of Design and Architecture,
Universiti Putra Malaysia on 18 January- 31 April 2012
Tropical Environment
Design Studio
Sustainable Product Design
Environmental Design
Sustainability

Volume 3: 2011. ISSN 2180-0685

All views expressed in this book are those of the authors and do not necessarily reflect the views of the Faculty or the University.

Type face : Avant Garde
Text font size : 10/11

Published by:
Universiti Putra Malaysia Press
Universiti Putra Malaysia
43400 Serdang
Selangor, Malaysia
www.upm.edu.my

Printed by:
Peretakan Mesbah Sdn Bhd
No. 11, Jln Tun Perak 6
Taman Tun Perak
43200 Cheras
Selangor Darul Ehsan
Tel.: 03-91056473
Fax: 03-91056469

Indexed in:
Design and Applied Arts Index
Virtual Library Museum Pages

Editorial Board

Editors-in-Chief

Nasir Baharuddin
Rahinah Ibrahim
Norsidah Ujang

Editorial Board Members

Meor Mohammad Fared Meor Razali
Abd Aziz Othman
Nor Atiah Ismail
Rizal Rahman
Mohammad Yazah Raschid
Mohd Johari Mohd Yusof
Raja Ahmad Azmeer Raja Ahmad Effendi
Nur Dalilah Dahlan

Reviewers

Faridah Adnan
Jasmeet Sidhu
Norhati Ibrahim
Syed Sabri Syed Ismail
Anuar Mohd Noor
Phua Chin Eng
Hasanudin Lamit
Nik Malik Zainal Abidin
Khairina Zek Khairuddin
Mohd Ramzi Mohd. Hussain
Lee Wern Ching
Mohd Firdaus Shuib
Baharudin Ujang

Art & Creative Direction
Nasir Baharuddin

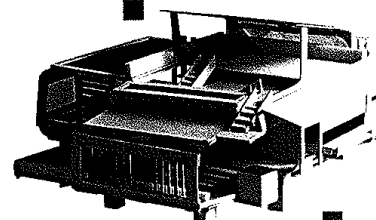
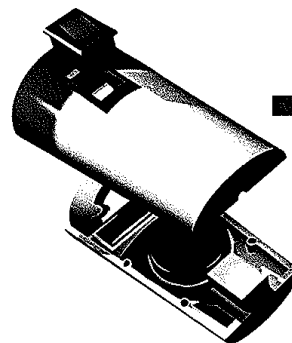
Text Direction
Rahinah Ibrahim

Language Direction
Kamsuri Ibrahim

Production Manager
Zaidi Zulkifli

DTP Layout Designer
Intan Shakinah Khalid

DTP Designer
Fatiha Sapran



Restorative Forest by Hasanuddin Lamit & Nik Malik Zainal Abidin

A noble attempt to address the contention of public's desperate needs to rest, relax and undertake recreational activities with healing aspects to be incorporated into the design. However, the healing "properties" of a healing garden has not been ascertained and therefore restricts the avenue for exploration and interpretation in a much more profound manner. The designer should have begun by exploring the landscape with the "Five Senses" premise. The drawings lack the quality that should or could manifest the designer's creative ability and sensitivity. The "Sensory Neuron" as a concept is valid and acceptable but getting too engrossed with the biological details of nerves and cells work can be futile and unnecessary. A philosophical or abstract understanding and exploration would have made the design more evocative and profound. In the end, the design very much falls into the idea of conventionality with some traces or nuances of healing properties in some sections of the park that afford healing-based undertakings. Detail wise, the exploration still lacks the rigour and intensity usually found and needed in healing gardens such as texture and colours. The drawings do not display a concern for plant and hardscape materials either in terms of selection or design. It suggests more of space-making rather than place-making exercise. It is also worth exploring the "Prospect and Refuge" concept by Kaplan in the design as many who intend to use the spaces for self-healing purposes may not want to be seen or looked at as they may find the experience uncomfortable and intruding despite being in a public space. How the landscape and the healing-based as well as recreational activities can work hand-in-hand to achieve sustainability of use and quality of design is not apparent.

Green Filter by Hasanuddin Lamit & Nik Malik Zainal Abidin

The "Green Dragon" has a Chinese cultural connotation and whether it is appropriate for the area is doubtful. However, its design study or synthesis of water treatment plan, hydrology plan and circulation plan are excellent. The linearity of the water body predisposed itself to many opportunities for interaction by residents or users along its route. The "Oasis" has long been a proverbial and recurring concept by landscape architects and architects alike. The designer has adopted this concept for its detailed plan and since oasis has a tranquil and refreshing connotation, the design of this particular area is not without similar qualities. The tactile quality of the plants surrounding the water body is appealing. The design of the viewing tower is a bit over the top when a much simple one is more appropriate by a better concentration on the softer aspects of the landscape. A statement about the use of hardscape materials and construction would not go amiss. Similarly, a planting concept or statement that addresses the issues of the site is also recommended.

Green Sphere by Lee Wern Ching & Mohd Ramzi Mohd Hussain

The project is about redesigning Pengkalan Nelayan, Kampung Sungai Timun, Rembau as one of the tourist attractions in Negeri Sembilan. Based on site inventory and analysis, it shows strong understanding of the site and this synthesis is crucial to produce good and high quality of landscape resource planning. The process of dividing the analysis into four main aspects - green network, blue network, spatial and circulation, and attractions become very strong principles in the overall planning and ideas development. Furthermore, at the conceptual plan stage, there were eight aspects to be considered with each of them providing clear understanding of the overall design ideas. It was followed by the design strategy, activity programmes and landscape distribution aspects before finalizing at the master plan stage. It has a very good and very organized presentation with the use of layering techniques as a tool to support the idea. Moreover, the flow is very well-defined and well-presented.